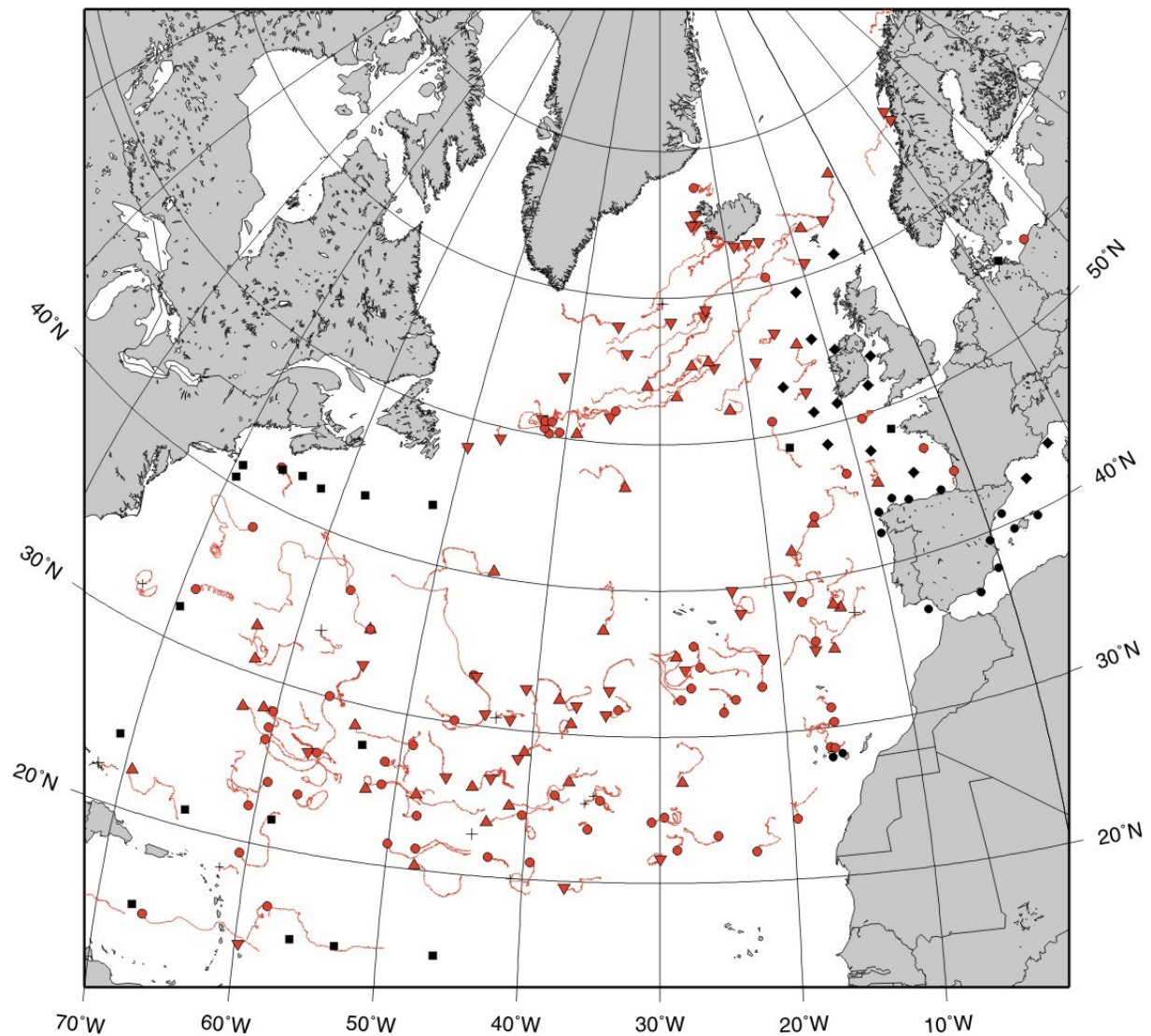
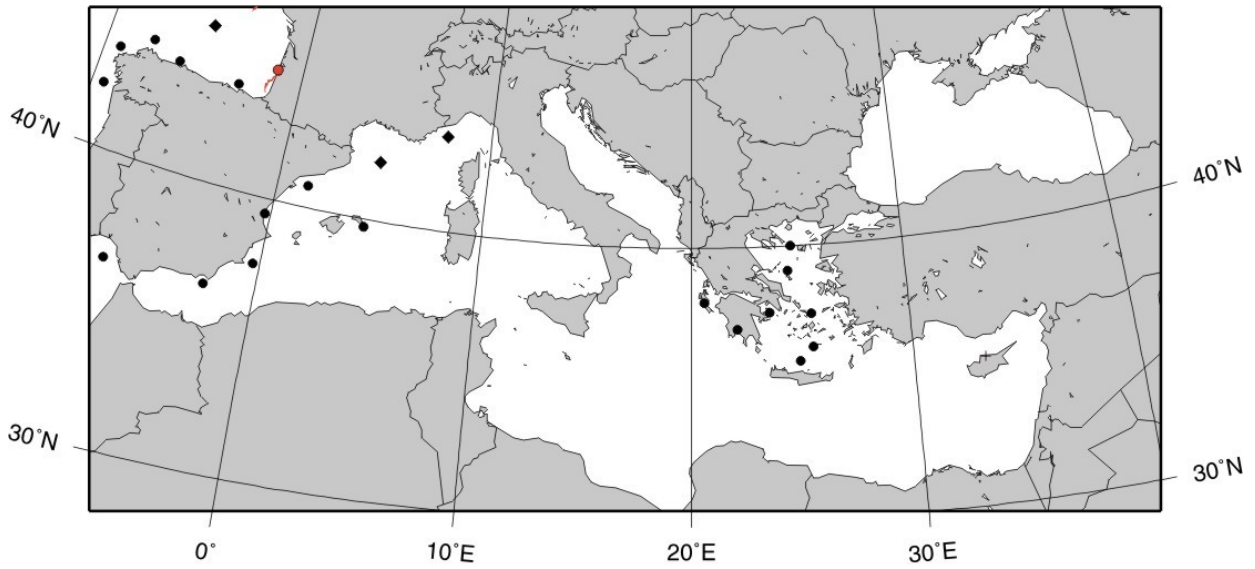


## DATA BUOY MONTHLY REPORT

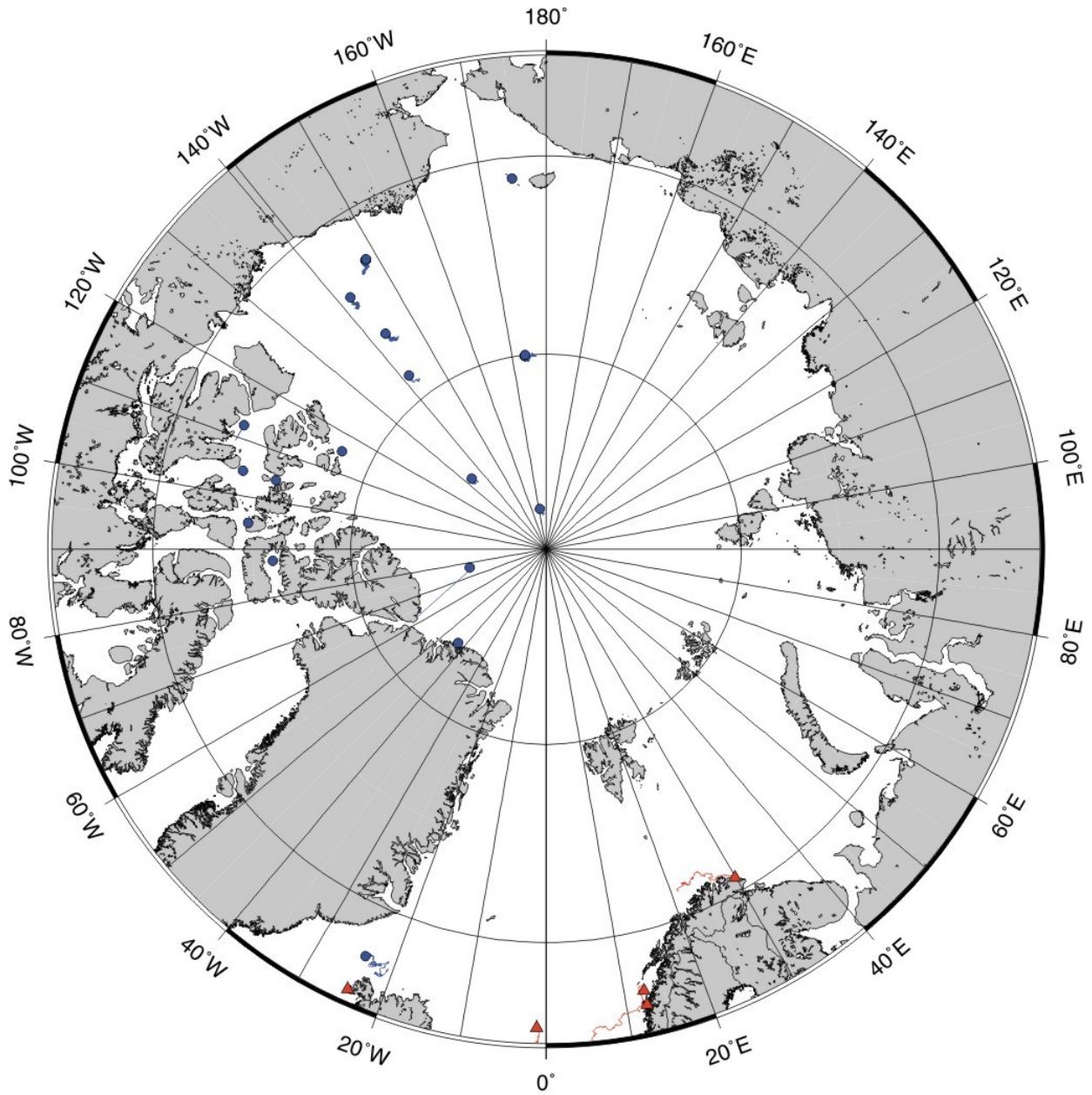
April 2011



April 2011 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories and moored buoy positions



April 2011 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions



April 2011 - Drifting buoy trajectories in Arctic Ocean  
and adjacent seas

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**DRIFTING BUOYS**  
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**Network status**

By the end of April, **79 drifting buoys**, reporting air pressure or wind at least, onto the GTS, were in operation in the EUCOS area in the frame of E-SURFMAR. Out of these, 43 were Iridium SVP-Bs.

The remaining buoys were 35 buoys owned by NOAA and upgraded with barometers by E-SURFMAR, and one drifter provided by Environment Canada.

By the end of April, one SVP-B drifter funded by EUMETNET and deployed in the north of the Arctic circle remained in operation.

Information about the availability of buoys for future deployments may be get from the E-SURFMAR wikisite (working area) at: [http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability\\_of\\_drifting\\_buoys](http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability_of_drifting_buoys)

The GTS data transmission of Iridium buoys did not suffered from any interruptions in April.

**Drifting buoys - New deployments**

WMO	Telcom	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
4100729	10829110	MSB	EU	20110405	32.0	-40.0	Le Havre	Comoe
4100730	10820120	MSB	EU	20110406	29.2	-48.0	Le Havre	Comoe
4100731	10820620	MSB	EU	20110405	30.6	-44.0	Le Havre	Comoe
4400760	12690810	MSB	EU	20110414	52.0	-44.0	Reykjavik	Reykjafoss
4400761	12295030	MSB	EU	20110413	54.0	-40.8	Reykjavik	Reykjafoss
4400762	12487120	MSB	EU	20110414	50.0	-47.3	Reykjavik	Reykjafoss
4400763	13308200	MSB	EU	20110415	48.0	-50.0	Reykjavik	Reykjafoss
4400838	37378	TSB	UP	20110430	40.0	-45.0	Charleston	Dubai Express
4400843	37382	TSB	UP	20110429	39.1	-54.0	Charleston	Dubai Express
4400844	37533	TSB	UP	20110429	39.6	-51.0	Charleston	Dubai Express
4400885	39086	TSB	UP	20110429	39.8	-48.0	Charleston	Dubai Express
6200516	10824150	MSB	EU	20110402	38.3	-22.0	Le Havre	Comoe
6200517	10825160	MSB	EU	20110403	35.2	-30.0	Le Havre	Comoe
6200575	12299260	MSB	EU	20110412	56.0	-36.4	Reykjavik	Reykjafoss
6400606	13116260	MSB	EU	20110407	63.0	-17.0	Rotterdam	Selfoss
6400623	13808450	MSB	EU	20110402	61.3	-12.0	Rotterdam	Selfoss
	10829150	MSB	EU	20110403	36.5	-26.0	Le Havre	Comoe - Failed at deployment

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**Supplementary drifting buoys (e.g. in Arctic) by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
6300632	13202690	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	70.72	29.90	277

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**Operating drifting buoys in North Atlantic by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
1300972	13808440	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	19.59	-36.94	146
1300974	10829620	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	33.11	-34.11	34
1300981	13615160	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	21.63	-29.97	147
4100557	83404	TSB	UP	709	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	16.38	-58.02	830
4100558	83394	TSB	UP	714	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	24.88	-41.38	830
4100561	39073	TSB	UP	707	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	25.88	-44.25	83
4100571	83391	TSB	UP	712	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	22.23	-69.43	830
4100573	37414	TSB	UP	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	26.73	-36.95	72
4100591	39101	TSB	UP	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	28.59	-40.53	72
4100596	12053610	MSB	EU	712	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	32.52	-54.25	520

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4100597	12058610	MSB	EU	717	-	-	X	X	-	-	-	X	-	-	-	T	0104-3004	26.29	-57.01	520
4100599	13016830	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	28.09	-41.00	91
4100601	13800460	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	31.46	-34.33	91
4100637	13801460	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	30.66	-41.93	91
4100715	83400	TSB	UP	706	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	21.38	-47.95	833
4100717	83402	TSB	UP	707	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	26.88	-28.28	832
4100719	83392	TSB	UP	718	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	24.92	-48.41	831
4100728	10822170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	30.83	-43.92	33
4100729	10829110	MSB	EU	611	-	-	X	X	X	-	-	X	-	-	-	T	0504-3004	32.87	-40.85	26
4100730	10820120	MSB	EU	587	-	-	X	X	X	-	-	X	-	-	-	T	0604-3004	26.30	-46.34	26
4100731	10820620	MSB	EU	587	-	-	X	X	X	-	-	X	-	-	-	T	0604-3004	33.26	-45.01	26
4100855	39121	TSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	24.74	-52.21	73
4100912	39092	TSB	UP	714	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	32.85	-63.30	135
4100915	39095	TSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	30.89	-62.66	135
4100935	39108	TSB	UP	708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	30.71	-37.06	72
4100957	38569	TSB	UP	713	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	32.30	-38.11	133
4400549	12343680	MSB	EU	718	-	-	X	X	-	-	X	-	-	-	T	0104-3004	58.66	-24.22	501	
4400551	13303270	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	58.34	-28.61	194
4400601	12050610	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	51.73	-35.46	193
4400622	10826640	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	31.97	-36.72	34
4400625	13302280	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	67.08	12.48	337
4400665	50098	MSB	CA	1612	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	40.37	-44.89	178
4400722	12548840	MSB	EU	720	-	-	X	X	-	-	X	-	-	-	-	T	0104-3004	63.10	-16.88	195
4400725	13309200	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	64.91	-24.18	168
4400760	12690810	MSB	EU	395	-	-	X	X	X	-	-	X	-	-	-	T	1404-3004	51.08	-42.82	17
4400761	12295030	MSB	EU	395	-	-	X	X	X	-	-	X	-	-	-	T	1404-3004	54.14	-41.13	18
4400762	12487120	MSB	EU	371	-	-	X	X	X	-	-	X	-	-	-	T	1504-3004	49.21	-46.79	17
4400763	13308200	MSB	EU	299	-	-	X	X	X	-	-	X	-	-	-	T	1804-3004	48.13	-49.84	16
4400831	83424	TSB	UP	714	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	55.30	-26.21	230
4400848	83425	TSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	55.72	-13.30	483
4400849	83397	TSB	UP	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	50.40	-38.86	781
4400876	89813	TSB	UP	707	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	42.06	-17.88	457
4400879	83399	TSB	UP	717	-	-	X	X	-	-	-	-	-	-	-	L	0104-3004	37.83	-14.30	779
4400880	83428	TSB	UP	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	35.18	-15.35	485
4400882	83396	TSB	UP	718	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	20.27	-47.93	780
4400889	89830	TSB	UP	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	65.77	-1.14	538
4400896	89815	TSB	UP	713	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	45.38	-8.61	418
4400903	70822	TSB	UP	683	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	28.23	-61.04	1411
4400905	70818	TSB	UP	685	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	27.90	-62.62	1408
4400912	83422	TSB	UP	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	53.25	-28.06	230
4400917	89817	TSB	UP	713	-	-	X	X	-	-	X	-	-	-	-	L	0104-3004	46.99	-33.48	418
4400936	89804	TSB	UP	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	63.14	-8.44	483
4400937	89805	TSB	UP	712	-	-	X	X	-	-	X	-	-	-	-	L	0104-3004	43.71	-15.48	484
4400943	89807	TSB	UP	714	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	34.85	-54.32	485
6200514	10828150	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	39.17	-18.58	36
6200515	10828620	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	35.09	-21.34	36
6200516	10824150	MSB	EU	635	-	-	X	X	X	-	-	X	-	-	-	T	0404-3004	39.83	-23.60	29
6200517	10825160	MSB	EU	635	-	-	X	X	X	-	-	X	-	-	-	T	0404-3004	34.55	-27.88	28
6200519	12342700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	57.96	-35.30	502
6200521	13011860	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	38.24	-22.96	92
6200522	13115260	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	35.28	-16.95	92
6200564	13301270	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	55.11	-18.51	181
6200565	13209690	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	52.45	-13.56	182
6200571	13205760	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	55.11	-23.54	168
6200572	13302390	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	56.77	-15.73	169
6200574	13300210	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	59.04	-23.92	168
6200575	12299260	MSB	EU	443	-	-	X	X	X	-	-	X	-	-	-	T	1204-3004	56.16	-34.03	19
6200596	12548830	MSB	EU	720	-	-	X	X	-	-	X	-	-	-	-	T	0104-3004	65.56	-24.28	196
6200721	37420	TSB	UP	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	37.19	-34.84	186
6200722	37773	TSB	UP	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	35.45	-28.61	186
6200904	89809	TSB	UP	707	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	38.10	-14.92	455
6200905	70820	TSB	UP	694	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	28.62	-53.85	1413
6200910	83426	TSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	55.49	-24.15	482
6400606	13116260	MSB	EU	540	-	-	X	X	X	-	-	X	-	-	-	T	0804-3004	63.05	-15.06	24
6400607	12548820	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	64.85	-24.98	353
6400611	12341680	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	63.09	-18.79	196
6400620	12547840	MSB	EU	720	-	-	X	X	-	-	X	-	-	-	-	T	0104-3004	66.36	12.52	349
6400622	13800130	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	63.09	-4.88	80
6400623	13808450	MSB	EU	589	-	-	X	X	X	-	-	X	-	-	-	T	0604-3004	60.85	-9.50	29

### ----- Drifting buoys which ceased to be operational

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
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4100633	13610160	MSB	EU	20110402	22.8	-43.9	118	Failed
4100634	13803460	MSB	EU	20110428	13.9	-59.8	143	Failed (batteries quickly drained)
4100638	10827640	MSB	EU	20110418	30.7	-43.0	21	Air pressure failed
4100691	39068	TSB	UP	20110418	33.9	-58.2	124	Failed
4400767	12297270	MSB	EU	20110416	52.1	-22.2	167	Failed
4400768	13200700	MSB	EU	20110427	53.9	-31.5	177	Failed
4400835	89827	TSB	UP	20110415	59.6	-29.6	214	Air pressure failed
4400878	83398	TSB	UP	20110412	22.0	-70.4	761	Ashore in Caicos Island
6200513	76814	MSB	EU	20110419	37.3	-13.2	793	Faded
6200520	12650810	MSB	EU	20110428	26.6	-42.9	694	Faded
6300631	13309270	MSB	EU	20110408	70.8	23.3	255	Ashore in Norway
6400608	12543300	MSB	EU	20110429	64.1	-22.0	350	Ashore in Iceland
6400609	12347680	MSB	EU	20110421	64.2	-21.9	341	Ashore in Iceland

### ----- Non-operating drifting buoys reporting GTS data

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
4100638	10827640	MSB	EU	720	-	-	S	S	X	-	-	X	-	-	-	T	0104-3004	30.70	-43.05	33
4100907	39107	TSB	UP	711	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	34.75	-57.40	135
4400562	83420	TSB	UP	711	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	58.16	-25.73	229
4400751	50076	MSB	CA	710	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	38.89	-38.10	343
4400835	89827	TSB	UP	711	-	-	S	S	X	-	-	X	-	-	-	L	0104-3004	59.58	-29.64	229
4400845	83421	TSB	UP	711	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	57.92	-20.93	230
4400884	37413	TSB	UP	713	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	53.01	-17.73	214
4400913	83423	TSB	UP	714	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	57.16	-25.68	230
6200926	83427	TSB	UP	710	-	-	-	-	X	-	-	X	-	-	-	L	0104-3004	61.78	-25.41	482
6400621	12489120	MSB	EU	720	-	-	-	-	X	-	-	X	-	-	-	T	0104-3004	65.61	2.81	85

### ----- Non-operating drifting buoys which ceased to emit

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400557	37411	TSB	UP	20110413	57.6	-7.5	228	Ashore in Scotland
4400887	89829	TSB	UP	20110410	64.1	9.0	519	Ashore in Norway
4400944	89808	TSB	UP	20110423	63.6	-20.3	476	Ashore in Iceland

### ----- Other operating drifting buoys into the EUCOS area of interest by the end of the month

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300517	90449	AOML		708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	32.42	-23.84
1300520	39676	AOML		707	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	32.54	-28.25
1300525	71093	AOML		708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	33.34	-27.45
1300527	92959	AOML		603	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	22.02	-22.84
1300530	92963	AOML		607	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	28.66	-16.67
1300531	92964	AOML		471	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	31.30	-16.30
1300567	71024	AOML		712	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	21.51	-50.04
1300568	71025	AOML		709	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	21.17	-39.51
1300569	71026	AOML		703	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	25.60	-34.56
1300570	71028	AOML		712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	34.72	-26.66
1300585	82585	AOML		417	-	-	X	X	X	-	-	X	-	-	-	L	0704-3004	10.31	-34.08
1300587	90515	AOML		422	-	-	X	X	X	-	-	X	-	-	-	L	0704-3004	11.71	-37.68
1300600	43869	AOML		701	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	33.18	-21.66
1300627	71401	AOML		302	-	-	X	X	X	-	-	X	-	-	-	L	1504-3004	28.60	-16.36
1300635	44115	AOML		534	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	24.09	-19.67
1300899	92543	LOCE		3028	-	-	X	-	X	-	-	X	-	-	X	T	0104-3004	9.26	-55.22
1300905	44103	AOML		607	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	30.32	-16.20
1300912				709	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	24.49	-29.66
1300917	39656	AOML		703	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	24.15	-30.64
1300967	39674	AOML		703	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.18	-25.66
1300970	32917	AOML		709	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	22.25	-28.73
2500595	94729	NESD		711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	67.41	-23.96
3100717	13309380	CMM		720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	14.57	-66.71
4100552	39681	AOML		710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	31.83	-33.34
4100555	92960	AOML		606	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	30.14	-46.26
4100565	90228	AOML		705	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.64	-42.97

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4100569	29240	AOML	708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	21.33	-42.62
4100572	39640	AOML	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.54	-48.15
4100575	39668	AOML	707	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	28.10	-49.17
4100590	102553	AOML	711	-	-	X	X	-	-	-	X	-	-	-	L	0104-3004	33.31	-45.25
4100593	39236	AOML	706	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	26.39	-60.35
4100594			711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	33.31	-68.89
4100595	44176	AOML	714	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	42.39	-66.08
4100603	90229	AOML	708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.61	-35.40
4100608	40294	AOML	664	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	38.27	-66.38
4100613	102557	AOML	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	36.91	-56.75
4100622	39232	AOML	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.56	-57.14
4100623	39658	AOML	713	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	23.89	-59.51
4100670	64644	AOML	670	-	-	X	X	X	-	-	X	-	-	-	L	0104-2904	24.31	-40.33
4100921	92911	AOML	708	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	25.22	-51.07
4100938	71027	AOML	709	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	26.71	-51.11
4100970	75182	AOML	712	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	30.05	-56.27
4100975	93016	AOML	603	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	27.13	-60.29
4100979	88624	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	26.37	-56.30
4100982	39660	AOML	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	28.15	-60.26
4100985	39665	AOML	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	19.29	-60.58
4100995	92961	AOML	489	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	25.81	-37.99
4100996	92962	AOML	513	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	31.59	-24.86
4400904	81930	AOML	91	-	-	X	X	X	-	-	X	-	-	-	L	2704-3004	50.35	-40.74
4400911	99014	AOML	709	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	52.20	-34.93
4400923	99015	AOML	711	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	50.16	-41.83
4400925	81927	AOML	96	-	-	X	X	X	-	-	X	-	-	-	L	2704-3004	50.50	-42.39
4400926			8	-	-	X	X	X	-	-	X	-	-	-	L	3004-3004	50.96	-42.46
4400927	81928	AOML	26	-	-	X	X	X	-	-	X	-	-	-	L	2904-3004	50.99	-41.71
4400942	89832	AOML	710	-	-	X	X	X	-	-	X	-	-	-	L	0104-3004	60.60	-15.23
6200500	13118190	CMM	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	49.74	-8.37
6200501	92544	LODY	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	44.48	-1.29
6200502	12798800	CMM	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	44.15	-15.25
6200503	12203770	CMM	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	50.95	-17.78
6200505	49678	EUME	725	-	-	X	X	-	-	-	X	-	-	-	T	0104-3004	38.59	-17.56
6200507	12306400	CMM	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	35.87	-16.85
6200510	12487510	CMM	422	-	-	X	X	X	-	-	X	-	-	-	T	0104-3004	46.57	-3.32
6200841	12307380	CMM	720	-	-	X	X	X	-	-	X	-	-	X	T	0104-3004	46.47	-11.36
6200929	83327	AOML	721	-	-	X	X	X	-	-	-	-	-	-	L	0104-3004	22.20	-60.56
6200935	92979	AOML	609	-	-	X	-	X	-	-	X	-	-	-	L	0104-3004	36.16	-27.13
6600863			1016	-	-	X	X	X	-	-	-	-	-	-	T	0104-3004	54.63	16.45

### MOORED BUOYS

#### Operating EGOS moored buoys (K-pattern)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100001	Cote d'Azur	719	X	X	X	X	X	X	X	-	-	X	-	T	0104-3004	43.40	7.80
<b>6100002</b>	<b>Lion</b>	<b>712</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	<b>X</b>	-	<b>T</b>	<b>0104-3004</b>	<b>42.10</b>	<b>4.70</b>
6200001	Gascogne	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	45.30	-5.00
6200029	K1	719	X	X	X	X	X	-	-	-	-	X	-	O	0104-3004	48.70	-12.50
6200081	K2	719	-	X	X	X	X	X	-	-	-	X	-	O	0104-3004	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	717	X	X	X	-	X	X	-	-	-	X	-	O	0104-3004	53.50	-5.40
6200092	M3	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	51.20	-10.50
6200093	M4	720	X	X	X	X	X	-	-	-	-	X	-	O	0104-3004	54.70	-9.10
6200094	M5	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	51.70	-6.70
<b>6200095</b>	<b>M6</b>	<b>711</b>	-	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	-	<b>O</b>	<b>0104-3004</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	718	X	-	X	X	X	X	-	-	-	-	-	O	0104-3004	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	47.50	-8.40
<b>6400045</b>	<b>K5</b>	<b>720</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	-	<b>O</b>	<b>0104-3004</b>	<b>59.10</b>	<b>-11.70</b>
6400046	K7	719	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	60.70	-5.20

#### Comments:

- EUCOS moored buoys are presented in bold characters.

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**Operating EGOS moored buoys (Spanish SeaWatch and WaveScan)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300130	Gran Canaria	708	-	-	X	-	-	X	-	-	-	-	-	O	0104-3004	28.18	-15.82
1300131	Tenerife Sur	696	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	28.00	-16.58
6100196	C. Begur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.92	3.65
6100197	Mahon	720	X	-	X	-	-	X	-	-	-	-	-	O	0104-3004	39.72	4.42
6100198	C. de Gata	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	36.57	-2.33
6100280	Tarragona	720	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	40.77	1.47
6100281	Valencia	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	39.47	-0.27
6100417	C. de Palos	720	X	X	X	-	X	X	-	-	-	-	S	O	0104-3004	37.65	-0.32
6100430	Dragonera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.56	2.11
6200024	Bilbao-Visc.	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	43.63	-3.03
6200025	C. de Penas	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	43.73	-6.17
6200082	E. de Bares	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	44.13	-7.69
6200083	Villano-Sis.	720	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>719</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	<b>X</b>	<b>X</b>	-	-	-	-	<b>X</b>	<b>O</b>	<b>0104-3004</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	719	X	X	X	-	X	X	-	-	-	-	X	O	0104-3004	36.48	-6.97
0	Santander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.84	-3.77

Comments:

- The EUCOS buoy is presented in bold characters.

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**Operating ISPRA moored buoys (Italy)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100207		1437	-	-	S	-	X	X	-	-	-	-	-	O	0104-3004	37.44	15.15
6100208		1336	S	S	S	-	X	X	-	-	-	S	-	O	0104-3004	37.52	12.53
6100209		1436	-	S	S	-	X	X	-	-	-	S	-	O	0104-3004	38.26	13.33
6100210		1423	S	S	S	-	X	X	-	-	-	S	-	O	0104-3004	39.02	17.22
6100211		1430	S	S	S	-	X	X	-	-	-	S	-	O	0104-3004	39.45	15.92
6100212		1384	S	S	S	-	X	X	-	-	-	S	-	O	0104-3004	40.62	9.89
6100213		1424	S	-	S	-	X	X	-	-	-	-	-	O	0104-3004	40.55	8.11
6100214		1424	S	S	-	-	X	X	-	-	-	S	-	O	0104-3004	40.87	12.95
6100215		617	-	-	-	-	S	S	-	-	-	-	-	-	0104-1504	40.98	17.38
6100216		1405	-	-	-	-	X	X	-	-	-	-	-	O	0104-3004	42.24	11.55
6100218		1386	S	-	S	-	X	X	-	-	-	-	-	O	0104-3004	43.83	13.72
6100219		1432	-	S	S	-	X	X	-	-	-	S	-	O	0104-3004	43.93	9.83
6100220		1430	S	S	S	-	X	X	-	-	-	S	-	O	0104-3004	45.33	12.52
6100221		-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.12	9.40

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**Operating POSEIDON moored buoys (Greece)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6101000		230	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	39.10	24.50
6101001		226	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	37.60	23.60
6101002		231	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	37.00	22.10
6101003		230	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	40.00	24.70
6101004		-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.10	25.80
6101005		230	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	37.50	25.50
6101006		231	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	36.30	25.50
6101007		231	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	35.80	24.90
6101008		-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.80	21.60
6101009		230	X	X	X	-	X	X	-	-	-	-	-	O	0104-3004	38.00	20.60



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**Other European moored buoys**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100010	Italia-1		-	-	-	-	-	-	-	-	-	-	-			43.80	9.10
6200052	Ushant	720	X	X	X	X	X	X	-	-	-	X	-	T	0104-3004	48.50	-5.80
6200442	PAP	718	X	S	X	X	X	X	-	-	-	S	-	O	0104-3004	49.00	-16.40
6600021	Arkona Becken		-	-	-	-	-	-	-	-	-	-	-			54.90	13.90
6600022	Oder Bank		-	-	-	-	-	-	-	-	-	-	-			54.10	14.20
6600024	Darsser Schwelle	715	X	X	-	-	X	X	-	-	-	-	-	O	0104-3004	54.70	12.70

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**Offshore moored buoys in the western part of the EUCOS area**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300308	East Atlantic		-	-	-	-	-	-	-	-	-	-	-			15.00	-38.00
4100026		397	-	X	-	-	X	-	-	-	-	X	X	L	0104-3004	11.49	-38.40
4100040	West Atlantic	720	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	14.50	-53.00
4100041	Mid. Atlantic	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	14.50	-46.00
4100043	Porto Rico	720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	21.00	-65.00
4100044		720	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	21.70	-58.70
4100046		499	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		720	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	32.00	-69.60
4100049		711	-	X	X	X	X	X	-	-	-	-	-	O	0104-3004	27.50	-53.00
4100100	E Guadeloupe		-	-	-	-	-	-	-	-	-	-	-			15.90	-57.90
4100101	E Martinique	718	X	X	X	X	X	X	-	-	-	X	-	T	0104-3004	14.60	-56.20
4100139			-	-	-	-	-	-	-	-	-	-	-			20.02	-37.86
4200059	Caraibes	720	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	15.00	-67.50
4400008	A Nantucket	720	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	40.50	-69.40
4400011	D Georges Bk		-	-	-	-	-	-	-	-	-	-	-			41.10	-66.60
4400018	SE Cape Cod	715	X	X	X	X	X	X	-	-	-	X	-	O	0104-3004	41.30	-69.30
4400024	NNE Channel	714	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	42.30	-65.90
4400137	E Scotia Sl.	714	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanguereau		-	-	-	-	-	-	-	-	-	-	-			44.30	-57.10
4400140	Tail of Bk	709	X	X	X	X	X	X	-	-	-	-	-	O	0104-3004	43.80	-51.70
4400141	Larentian F	712	-	-	X	X	X	X	-	-	-	-	-	O	0104-3004	43.00	-58.00
4400150	La Have Bk	716	X	-	X	X	X	X	-	-	-	-	-	O	0104-3004	42.50	-64.00

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**Abbreviations**  
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WMO : WMO id.  
Argos : Argos id.  
Typ : Buoy type  
    - first character : Manufacturer (C = ConMar , M = Metocean, T = Technocean,  
  Y = Marlin-Yug...)  
    - second character : Main type (F = FGGE, S = SVP)  
    - third character : Sub type (B = barometer buoy, W = Wind buoy,  
  S = Salinity buoy)  
Ow : Buoy owner (country code or EU for EUCOS)  
Owner : Buoy owner for non EUCOS buoys  
Nobs : number of GTS reports received at Meteo-France  
Parameters (X = OK, S = stopped, - = not measured) :  
    Wi : Wind  
    AT : Air Temperature  
    AP : Air Pressure  
    dP : Air pressure tendency  
    ST : Sea surface Temperature  
    Wa : Wave period and height  
    Ws : Wave spectra  
    Dr : Drogue presence  
    Sb : Subsurface temperature  
    U : Relative humidity  
    SS : Sea surface Salinity  
O : Origin of the reports (T = Argos Toulouse, L = Argos Largo, O = Other)  
Start\_end : first and last dates of the month for which GTS data were received at Meteo-France  
Lat : Latitude of the latest position  
Lon : Longitude of the latest position  
Age : Age of the buoy (days)  
  
DepDate : Date of deployment  
DepLat : Latitude of deployment  
Dep Lon : Longitude of Deployment  
From : Harbour of departure

Definition : An operating drifting buoy is a buoy providing at least air pressure or wind  
(direction and velocity) data.

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## Buoy-QC statistics from Meteo-France model outputs

*Datend* : Date of the last value received on GTS  
*Recvd* : Total number of values received on GTS  
*GE* : Number of Gross Errors (excluded from bias and sd computations)  
*bias* : Mean differences between observation values and co-located model output values  
*Std* : Standard deviation of differences

### Air Pressure (hPa), drifting buoys, April 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110430	1300972	13808440	720	0	-0.2	0.4
20110430	1300974	10829620	720	0	-0.2	0.4
20110430	1300981	13615160	720	0	-0.1	0.3
20110430	4100557	83404	709	0	0.2	0.7
20110430	4100558	83394	682	0	-0.0	0.3
20110430	4100561	39073	707	0	0.0	0.4
20110430	4100571	83391	695	0	-0.1	0.8
20110430	4100573	37414	709	0	-0.0	0.3
20110430	4100591	39101	711	1	0.3	0.3
20110430	4100596	12053610	712	0	0.8	0.6
20110430	4100597	12058610	717	0	0.4	0.7
20110430	4100599	13016830	720	0	-0.0	0.4
20110430	4100601	13800460	720	0	0.5	0.8
20110402	4100633	13610160	27	0	0.0	0.6
20110428	4100634	13803460	662	0	0.1	0.8
20110430	4100637	13801460	720	0	-0.1	0.4
<b>20110418</b>	<b>4100638</b>	<b>10827640</b>	<b>421</b>	<b>65</b>	<b>-0.1</b>	<b>0.4</b>
<b>20110415</b>	<b>4100691</b>	<b>39068</b>	<b>348</b>	<b>10</b>	<b>-1.9</b>	<b>2.7</b>
20110430	4100715	83400	705	0	0.1	0.5
20110430	4100717	83402	676	0	-0.2	0.4
20110430	4100719	83392	693	0	0.0	0.5
20110430	4100728	10822170	720	1	-0.1	0.4
20110430	4100729	10829110	611	0	-0.0	0.3
20110430	4100730	10820120	587	0	-0.2	0.5
20110430	4100731	10820620	587	0	-0.1	0.4
20110430	4100855	39121	712	0	0.1	0.6
20110430	4100912	39092	714	0	0.2	0.7
20110430	4100915	39095	711	0	0.3	0.7
20110430	4100935	39108	707	0	0.3	0.3
20110430	4100957	38569	713	0	0.7	1.2
20110430	4400549	12343680	718	2	0.6	0.8
20110430	4400551	13303270	720	0	0.1	1.0
20110430	4400601	12050610	720	9	0.6	0.8
20110430	4400622	10826640	720	0	-0.2	0.4
20110430	4400625	13302280	720	10	0.5	0.6
20110430	4400665	50098	1611	0	0.2	0.6
20110430	4400722	12548840	720	0	0.7	0.8
20110430	4400725	13309200	720	0	-0.6	0.7
20110430	4400760	12690810	395	0	0.3	0.7
20110430	4400761	12295030	395	0	0.1	0.8
20110430	4400762	12487120	371	0	0.5	0.7
20110430	4400763	13308200	299	0	1.1	1.4
20110416	4400767	12297270	375	0	-0.2	0.8
20110427	4400768	13200700	631	0	0.2	0.6
20110430	4400831	83424	714	2	-0.0	0.8
<b>20110415</b>	<b>4400835</b>	<b>83420</b>	<b>349</b>	<b>29</b>	<b>2.2</b>	<b>2.5</b>
20110430	4400849	83397	711	0	-0.3	0.7
20110430	4400876	89813	707	0	0.1	0.5
20110412	4400878	83398	274	0	0.0	0.8
20110430	4400879	83399	662	0	-0.0	0.4
20110430	4400882	83396	695	0	-0.1	0.5
20110430	4400889	89830	711	0	-0.1	2.3
20110430	4400896	89815	713	0	0.1	0.4
20110430	4400903	70822	658	0	-0.0	0.7
20110430	4400905	70818	660	0	-0.1	0.7
20110430	4400912	83422	710	1	-0.1	0.6
20110430	4400917	89817	713	1	-0.0	0.6
20110419	6200513	76814	328	0	-0.5	0.5
20110430	6200514	10828150	720	0	-0.1	0.4
20110430	6200515	10828620	720	0	-0.0	0.3
20110430	6200516	10824150	635	0	-0.0	0.3

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20110430	6200517	10825160	635	0	-0.2	0.3
20110430	6200519	12342700	720	0	0.9	0.7
20110428	6200520	12650810	2261	0	1.1	0.6
20110430	6200521	13011860	720	0	0.1	0.4
20110430	6200522	13115260	720	0	0.1	0.4
<b>20110430</b>	<b>6200564</b>	<b>13301270</b>	<b>720</b>	<b>27</b>	<b>0.1</b>	<b>1.4</b>
20110430	6200565	13209690	720	1	0.5	0.5
20110430	6200571	13205760	720	3	0.2	1.0
20110430	6200572	13302390	720	1	0.6	0.7
20110430	6200574	13300210	720	2	-0.2	0.9
20110430	6200575	12299260	443	0	0.1	0.8
20110430	6200596	12548830	720	0	-0.5	0.8
20110430	6200721	37420	711	1	1.3	2.4
20110430	6200722	37773	709	2	1.2	1.7
20110430	6200904	89809	706	0	0.4	0.6
20110430	6200905	70820	660	0	0.4	0.5
<b>20110430</b>	<b>6200910</b>	<b>83426</b>	<b>712</b>	<b>19</b>	<b>0.1</b>	<b>1.5</b>
20110408	6300631	13309270	180	12	0.9	3.5
20110430	6300632	13202690	720	0	0.7	0.4
20110430	6400606	13116260	540	0	0.0	0.7
20110430	6400607	12548820	720	0	1.1	0.7
20110429	6400608	12543300	685	1	-0.1	1.2
20110421	6400609	12347680	180	0	0.1	0.6
20110430	6400611	12341680	720	0	0.8	0.6
20110430	6400622	13800130	720	0	-0.1	0.5
20110430	6400623	13808450	589	0	0.1	0.4

### Air Pressure (hPa), moored buoys, April 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110430	1300130		708	0	0.5	0.6
20110430	1300131		696	0	0.1	0.7
20110430	6100001		719	0	-0.3	0.5
20110430	6100002		712	0	-0.0	0.5
20110430	6100197		720	0	0.4	0.6
20110430	6100198		720	0	0.1	0.8
20110430	6100280		720	0	0.5	0.6
20110430	6100281		720	0	0.3	0.7
20110430	6100417		720	0	0.2	0.7
<b>20110430</b>	<b>6101000</b>		<b>230</b>	<b>0</b>	<b>2.6</b>	<b>1.0</b>
20110430	6101001		226	0	-0.6	0.8
20110430	6101002		231	0	-0.8	0.9
20110430	6101003		230	0	0.3	0.7
20110430	6101005		230	0	0.3	0.7
20110430	6101006		231	0	0.1	0.7
20110430	6101007		231	0	-0.2	0.7
20110430	6101009		230	0	-1.3	1.0
20110430	6200001		719	0	0.0	0.5
20110430	6200024		720	0	0.6	0.7
20110430	6200025		720	0	0.5	0.6
20110430	6200029		705	0	-0.0	0.4
20110430	6200052		720	0	0.5	0.4
20110430	6200081		719	0	-0.0	0.4
20110430	6200082		720	0	0.5	0.6
20110430	6200083		720	0	0.6	0.6
20110430	6200084		719	0	0.5	0.6
20110430	6200085		719	0	0.2	0.7
20110430	6200091		717	0	0.0	0.5
20110430	6200092		720	0	-0.1	0.5
20110430	6200093		720	1	-0.1	0.5
20110430	6200094		720	4	0.1	0.4
20110430	6200095		474	0	-0.2	0.6
20110430	6200105		718	0	-0.1	0.5
20110430	6200163		719	0	-0.1	0.4
20110430	6400045		720	1	0.1	0.7
20110430	6400046		719	0	-0.2	0.6

### Air Temperature (C), moored buoys, April 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110430	1300131		696	0	0.1	0.5

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20110430	6100001	719	0	-1.0	1.1
20110430	6100002	712	0	-0.2	0.7
20110430	6100198	720	0	-0.2	0.7
20110430	6100280	720	0	-0.3	1.1
20110430	6100281	720	0	-0.3	0.7
20110430	6100417	720	0	0.0	1.0
<b>20110430</b>	<b>6101000</b>	<b>230</b>	<b>0</b>	<b>-4.6</b>	<b>3.5</b>
20110430	6101001	226	0	-0.8	0.6
20110430	6101002	231	0	-1.2	1.6
20110430	6101003	230	0	-0.0	0.6
<b>20110430</b>	<b>6101005</b>	<b>230</b>	<b>65</b>	<b>4.4</b>	<b>5.8</b>
20110430	6101006	231	0	0.8	1.1
20110430	6101007	231	0	-1.1	0.6
20110430	6101009	230	0	-0.5	0.6
20110430	6200001	718	0	-0.1	0.4
20110430	6200024	720	0	0.3	0.6
20110430	6200025	720	0	-0.4	0.6
20110430	6200029	713	0	0.1	0.5
20110430	6200052	720	0	0.0	0.5
20110430	6200081	719	0	0.0	0.5
20110430	6200082	720	0	-0.3	0.5
20110430	6200083	720	0	0.2	0.5
20110430	6200084	719	0	-0.0	0.8
20110430	6200085	719	0	0.8	0.7
20110430	6200091	717	0	0.1	0.6
20110430	6200092	720	1	0.1	0.5
20110430	6200093	720	1	-0.1	0.5
20110430	6200094	720	0	0.2	0.7
20110430	6200095	709	0	0.1	0.5
20110430	6200163	719	0	-0.2	0.6
20110430	6400045	720	0	-0.4	0.5
20110430	6400046	719	0	-0.2	0.5
20110430	6600024	715	0	0.5	1.2

### Wind direction (deg.), moored buoys, April 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110430	1300131		695	97	13	33
20110430	6100001		717	55	1	32
20110430	6100002		712	13	1	23
20110430	6100197		706	0	-6	18
20110430	6100198		711	35	8	23
20110430	6100280		687	30	-2	32
20110430	6100281		666	59	7	36
20110430	6100417		659	74	-16	20
20110430	6101000		230	5	-10	26
20110430	6101001		226	16	-2	34
20110430	6101002		230	96	8	52
<b>20110430</b>	<b>6101003</b>		<b>228</b>	<b>27</b>	<b>-178</b>	<b>49</b>
20110430	6101005		228	6	-19	24
20110430	6101006		228	4	-5	23
20110430	6101007		229	7	-6	25
20110430	6101009		230	20	-1	37
20110430	6200001		718	10	-2	20
20110430	6200024		705	29	-5	26
20110430	6200025		711	53	4	28
20110430	6200029		711	4	-0	16
20110430	6200052		718	9	-5	19
20110430	6200082		712	8	2	18
20110430	6200083		709	9	1	18
20110430	6200084		683	38	1	23
20110430	6200085		700	5	6	20
20110430	6200091		717	14	3	22
20110430	6200092		707	5	-2	19
20110430	6200093		720	4	-1	17
20110430	6200094		719	8	-2	22
20110430	6200105		717	1	-2	14
20110430	6200163		716	5	-2	14
20110430	6400045		720	3	-8	14
20110430	6400046		719	3	-1	16
20110430	6600024		715	2	-7	15

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### Wind speed rate, moored buoys, April 2011

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20110430	1300131		695	0	1.2	2.4
20110430	6100001		717	0	1.2	1.6
20110430	6100002		712	0	1.1	1.3
20110430	6100197		706	0	0.9	1.4
20110430	6100198		711	0	0.9	2.2
20110430	6100280		687	0	1.2	1.6
20110430	6100281		666	0	1.4	1.4
20110430	6100417		659	0	0.7	2.1
20110430	6101000		230	0	0.0	15.4
20110430	6101001		226	0	1.1	2.3
<b>20110430</b>	<b>6101002</b>		<b>230</b>	<b>16</b>	<b>1.1</b>	<b>4.3</b>
<b>20110430</b>	<b>6101003</b>		<b>228</b>	<b>52</b>	<b>0.7</b>	<b>2.1</b>
20110430	6101005		228	0	1.0	2.3
20110430	6101006		228	0	0.9	1.9
20110430	6101007		229	0	1.0	1.8
20110430	6101009		230	0	1.4	2.1
20110430	6200001		718	1	1.0	1.1
20110430	6200024		705	0	1.0	1.5
20110430	6200025		711	0	0.9	2.0
20110430	6200029		711	1	1.2	1.4
20110430	6200052		718	0	1.0	1.3
20110430	6200082		712	0	0.8	1.4
20110430	6200083		709	0	0.9	1.4
20110430	6200084		683	0	1.0	1.4
20110430	6200085		700	0	0.9	2.0
20110430	6200091		717	0	1.0	1.7
20110430	6200092		707	0	1.1	1.5
20110430	6200093		720	0	0.9	1.6
20110430	6200094		719	1	1.0	1.4
20110430	6200105		717	0	0.9	1.5
20110430	6200163		716	0	1.0	0.9
20110430	6400045		720	0	0.7	1.6
20110430	6400046		719	0	1.0	1.3
20110430	6600024		715	0	1.1	1.5

### Comments on QC statistics :

Italian moored buoys (RON network) reported other parameters than waves during 30 hours in April. The situation being temporary, they were excluded from the tables here above.

#### Air pressure

1. Metocean Iridium buoy WMO **4100638** and Technocean Argos buoys WMO **4100691** and **4400835** reported a few wrong pressure values before they completely failed or the GTS transmission was stopped for this parameter.
2. Metocean Iridium buoy WMO **6200564** and Technocean Argos buoy WMO **6200910** reported dubious air pressure values at a few occasions for unknown reasons.
3. Air pressure values reported by Poseidon moored buoy WMO **6101000** still present a systematic bias of about 2-3 hPa.

#### Air temperature

4. Air temperature values reported by Poseidon buoys WMO **6101000** and **6101005** were unreliable in April. They should be removed from the GTS.

#### Wind

5. As during the previous months, wind directions reported by buoy WMO **6101003** were biased by 180 degrees in April. Buoy WMO **6101002** also reported many wrong wind speed values during the month.

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Monthly QC statistics and other data quality control tools are available on line at :  
<http://www.meteo.shom.fr/qctools/>

The working area of the E-SURFMAR website is open at <http://esurfmar.meteo.fr/wikisurf-wa/> . Ask the E-SURFMAR Programme Manager [Pierre.Blouch@meteo.fr](mailto:Pierre.Blouch@meteo.fr) for the password in case you forgot it. Graphs of system performances may be displayed/downloaded at [http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar\\_monitoring.pdf](http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar_monitoring.pdf).